

Public Health Nuisance Inventory

Caruthersville, MO

April 24-26, 2006

About Caruthersville

- 2000 population – 6,760
- 49% of town rental housing
- 36% individuals below poverty level
- 17% households with no vehicles available
- 12% households with no telephone service
- \$45,000 median value of homes

2000 Census Data

Briefing with City Council

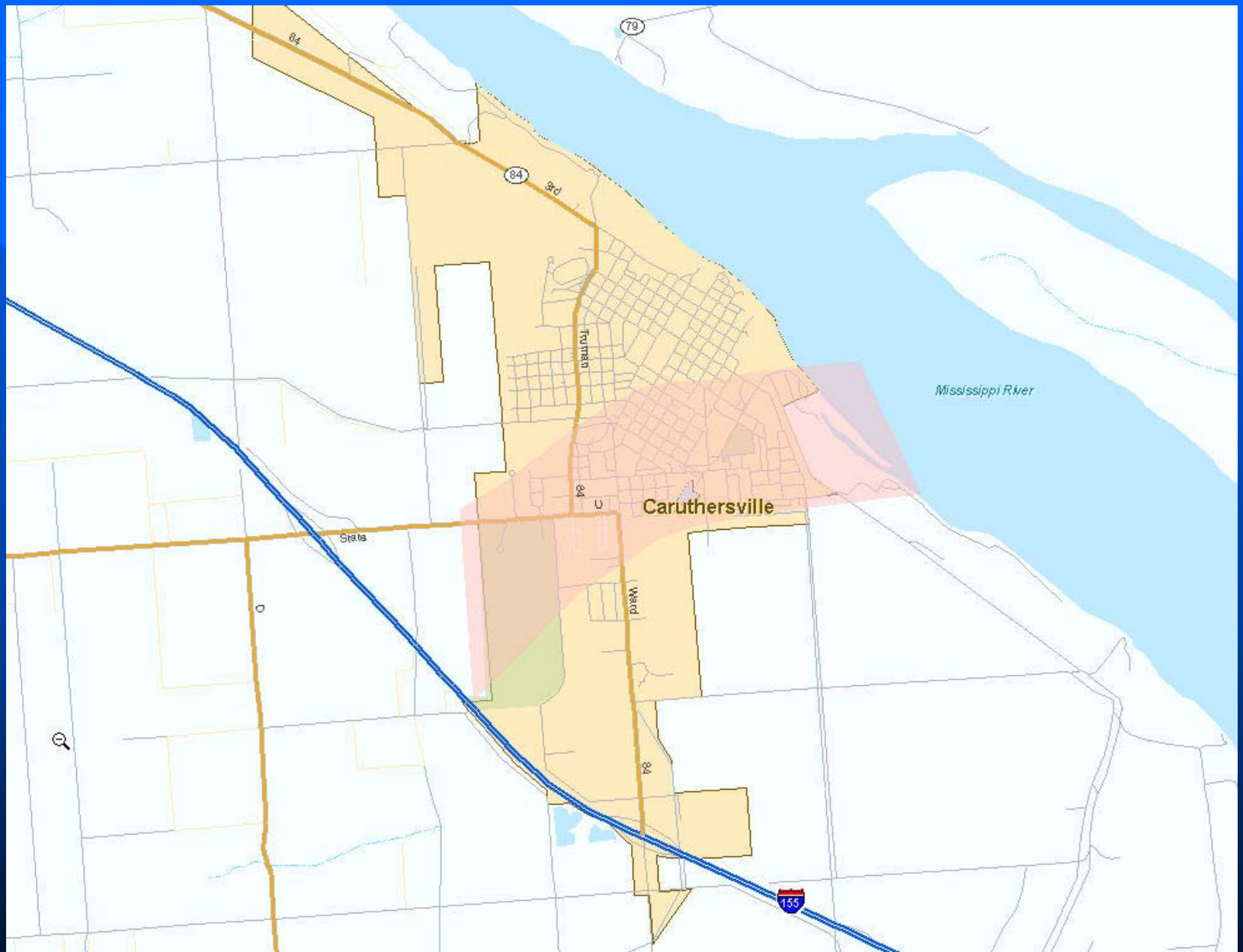
- F3 tornado hit city on April 2nd
- Most of the southern portion of city was damaged
- Many properties have had no clean-up
- Some homes damaged were rental property with owners living out of town.
- City needed public health nuisances identified to enforce debris removal code.
- Houses had been previously marked with placards
 - Red: unsafe
 - Yellow: minor
 - Green: OK



117 Red Placards

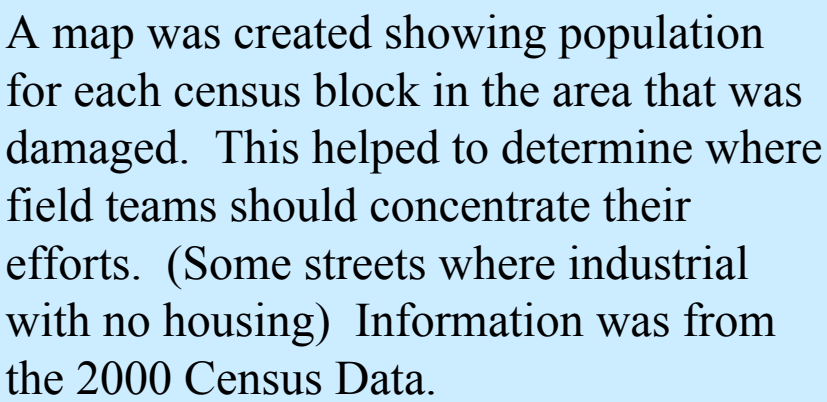
DHSS Team

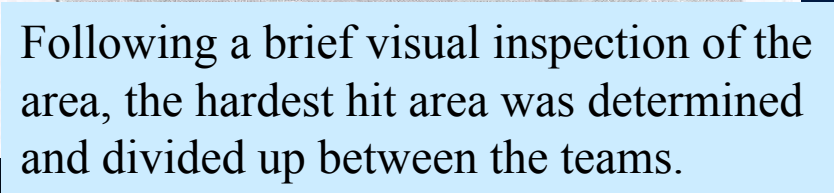
- 3 teams with two people on each
- Concentrate on area east of Ward Rd.
- Assess all red placard sites
- Assess green and yellow as needed
- Photograph any nuisances observed
- GPS site location
- IT support in MCC

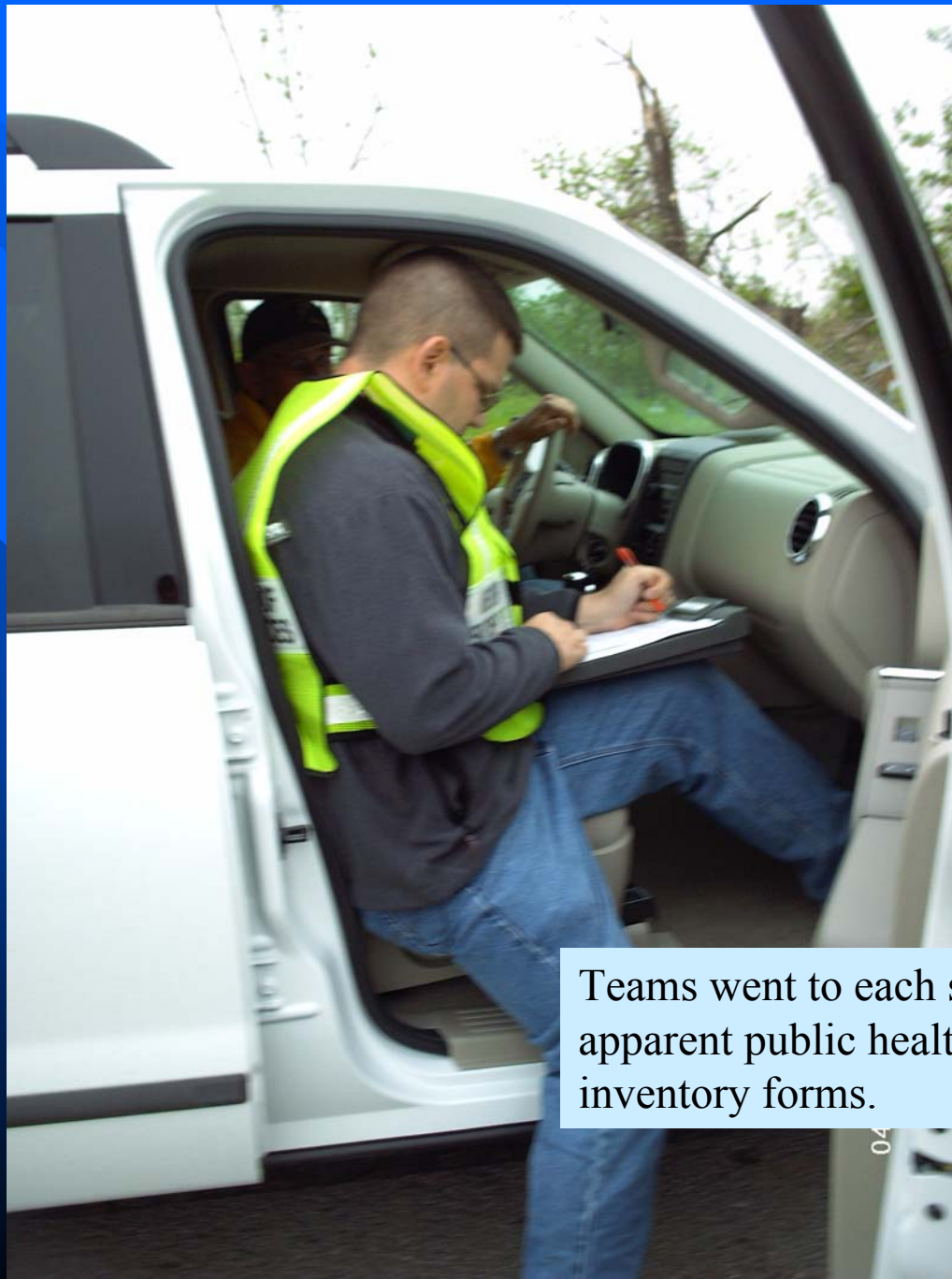


Path of Tornado

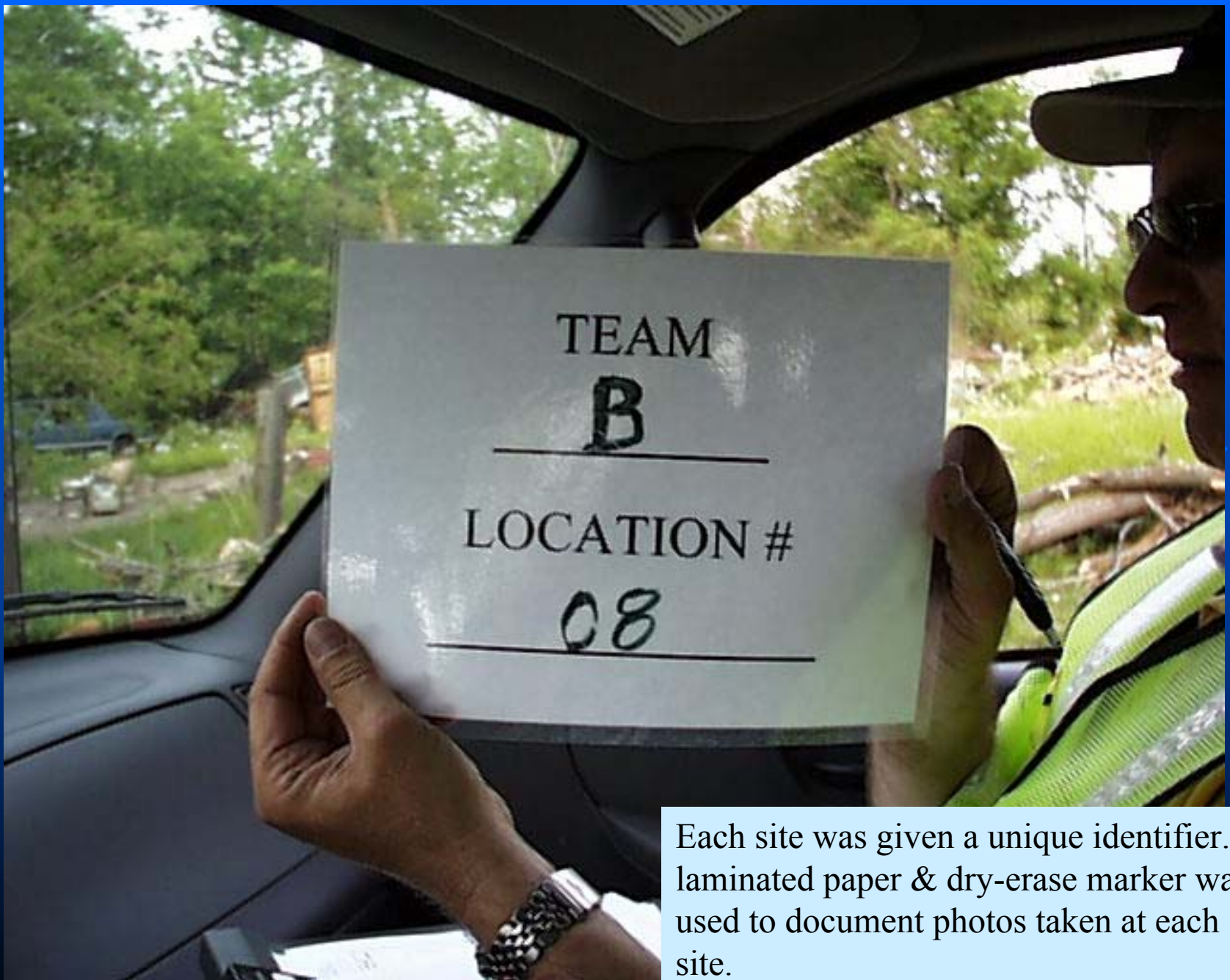








Teams went to each site and recorded any apparent public health nuisances on their inventory forms.



Each site was given a unique identifier. A laminated paper & dry-erase marker was used to document photos taken at each site.



Each photo following the Identifier went with that site. Descriptions of all photos were logged on the inventory form.



Teams took photos to document where public health nuisances were observed.



Many sites did not have visible street addresses. Teams used GPS to find a location at every site.

Public Health Nuisance/Hazards Assessment Form

Location: City of Caruthersville Date: 24 Apr Time: 1655 Inspected by: DW/RM
 Property ID: B09 GPS Location: N36.18019 W89.64809
 Property Address (if known): 16xx Chaffin
 Owner of Property (if known): _____
 Property currently occupied? ☐ Yes ☒ No ☐ Unknown

Accumulation of decaying animal or vegetable matter, and/or human feces, trash, rubbish, garbage, packing materials, tires, or any other substances which could attract or harbor flies, mosquitoes, or other disease carrying insects, rodents, or other vermin present on site?

☐ Yes ☐ No

If Yes, complete the following section: (Check all that apply)

Type of matter observed:

- ☒ Furniture
☐ Appliance
☐ Vehicle
☐ Garbage
☐ Dead Animal
☒ Solid Waste Debris
☐ Other fire

Vermin or insects observed at site:

- ☐ Mosquitoes
☐ Mice
☐ Flies
☐ Cockroaches
☐ Rats
☐ Other _____
☐ None

Quantity Found: _____

Household hazardous wastes noted on site? ☒ Yes ☐ No

If yes, kinds found:

- ☐ Batteries ☒ Paints ☐ Cleaners ☐ Pesticides/Herbicides ☒ Other Air freeze

Quantity found: _____

Observations/Comments: No placard.

Some house hold hazards old tubs, buckets, milk crates
structural debris

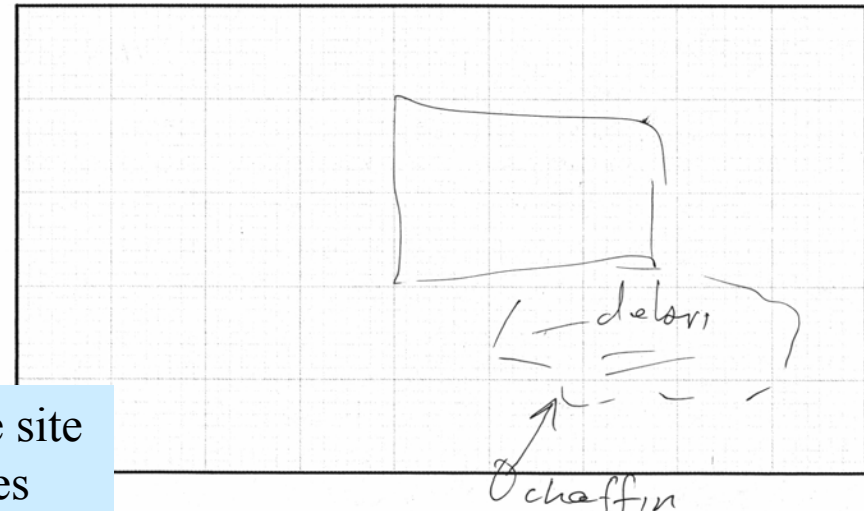
☐ Er

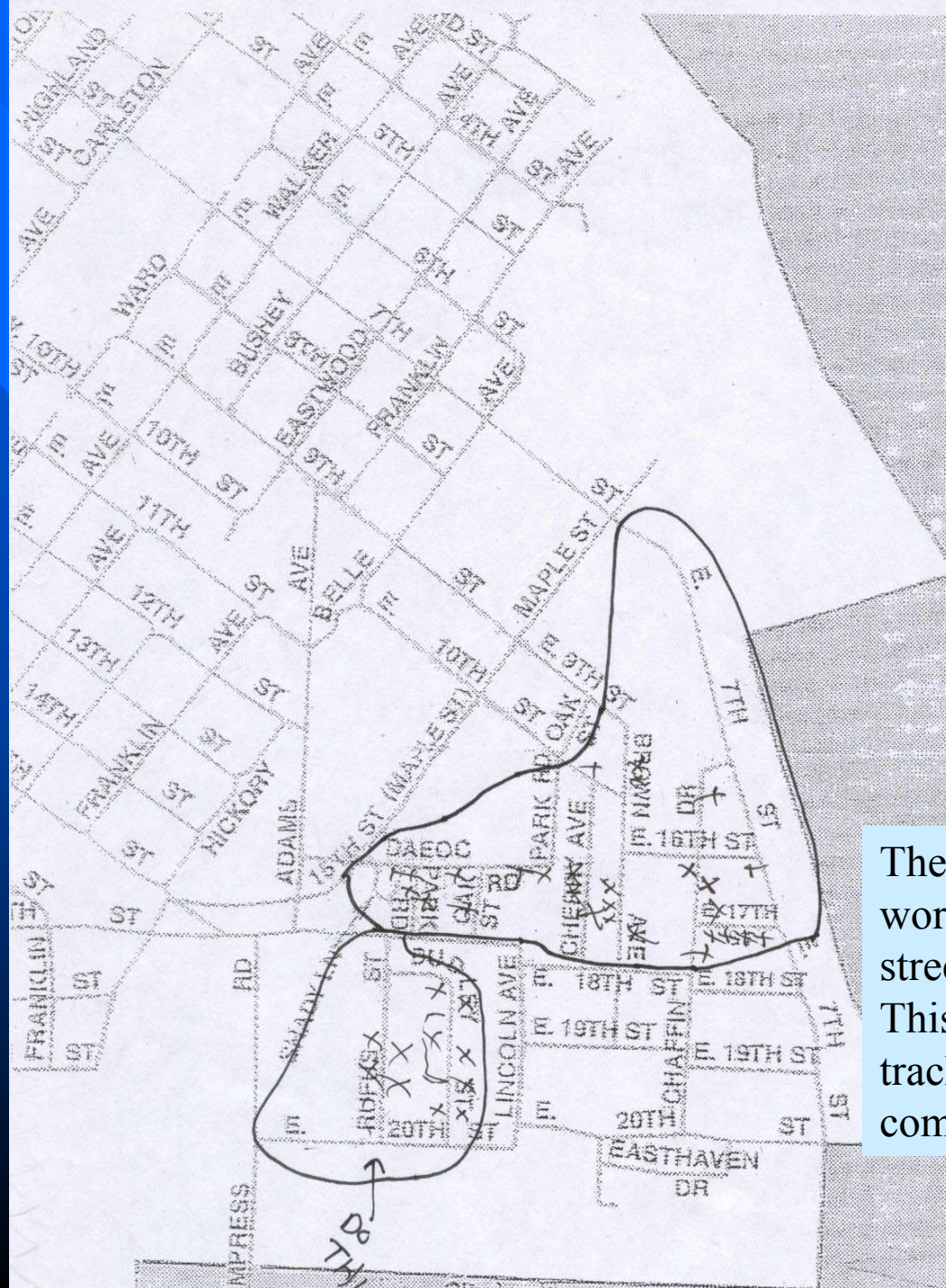
The inventory forms included a sketch for the site that showed the location of observed nuisances found.

Photographs - Write the number and a brief description for each photo taken: (continue on other sheet if needed):

- 1 pile of debris in front
2 Air freeze
3 Paint cans
4 Tire

Sketch of Property (show location of each picture taken):





B

4/23 last prop

~~B21~~

B21

The teams marked their working maps to show which streets had been inventoried. This was useful for keeping track of what areas were completed.



Information was brought into the Mobile Command Center every few hours. The IT team entered the inventory forms into a database and logged the photos.

- (A) ERIC + HARRY (573-619-5961)
- (B) DENNIS + RANDY (573-619-7128)
- (C) ANN + JOHN (573-714-1501)

sketch=AO1SK.tif
photo=AO101.jpg
↑ ↑ ↑
top fig. 2

04.25.2006

After data was entered, the forms were scanned and saved using a standard naming convention.

Data_Entry

ID

Location Information

GPS

Location Date
Inspected By Time

X: E Y: N METHOD:
Note: Enter location in decimal degrees. X location should be between range of -89.0000 and -95.0000.
Y location should be between range of 36.0000 and 41.0000.

Property Information

Occupied
Owner's Name:

Street Address
City Zip Code

Hazards

Were hazards found?:
☒ Furniture
☒ Appliance
☒ Vehicle
☐ Garbage
☐ Dead_Animal
☒ Solid Waste
Quantity Found:

Vermin or Insects

☐ Mosquitoes
☐ Mice
☐ Flies
☐ Cockroaches
☐ Rats
☐ None

Household Hazardous Materials

Household Wastes?:
☐ Batteries
☐ Paints
☐ Cleaners
☐ Pesticides

Observations/Comments

Database Entry

By:
Date
Time

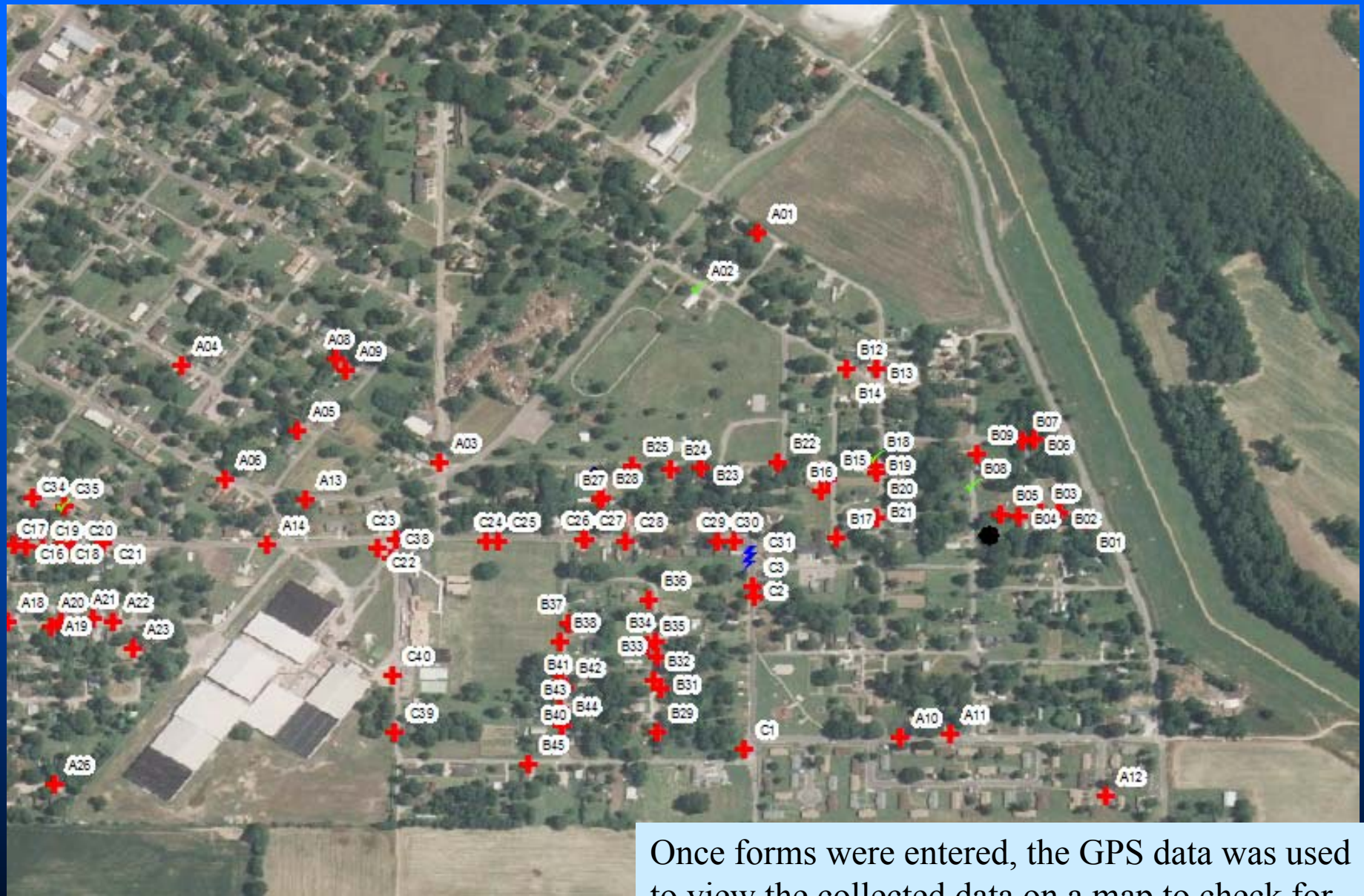
Record: of 174

A database form was created to expedite data entry.

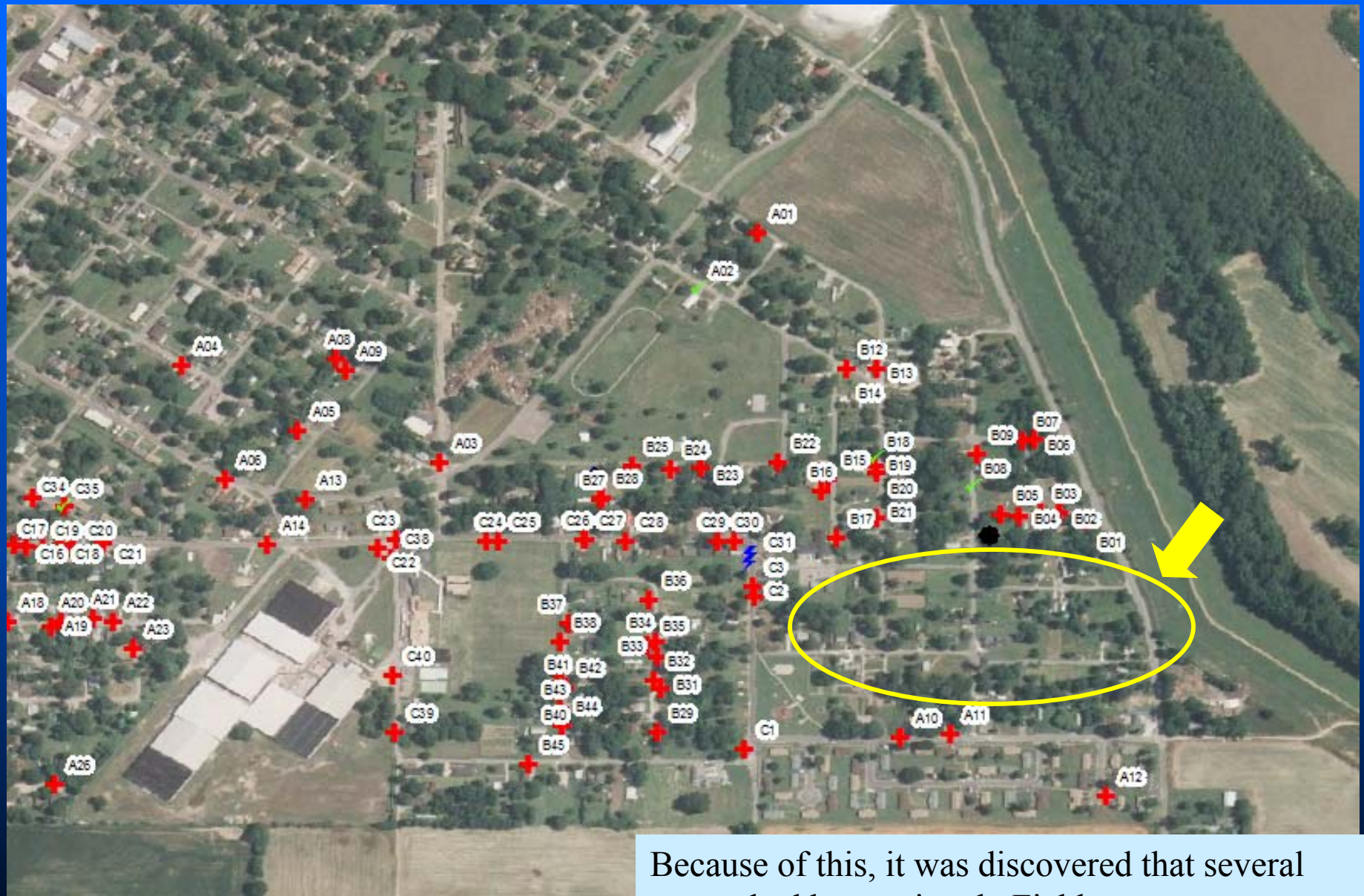


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Maps were used to record completed areas and to quickly determine new assignments for the field teams.



Once forms were entered, the GPS data was used to view the collected data on a map to check for any missed areas.

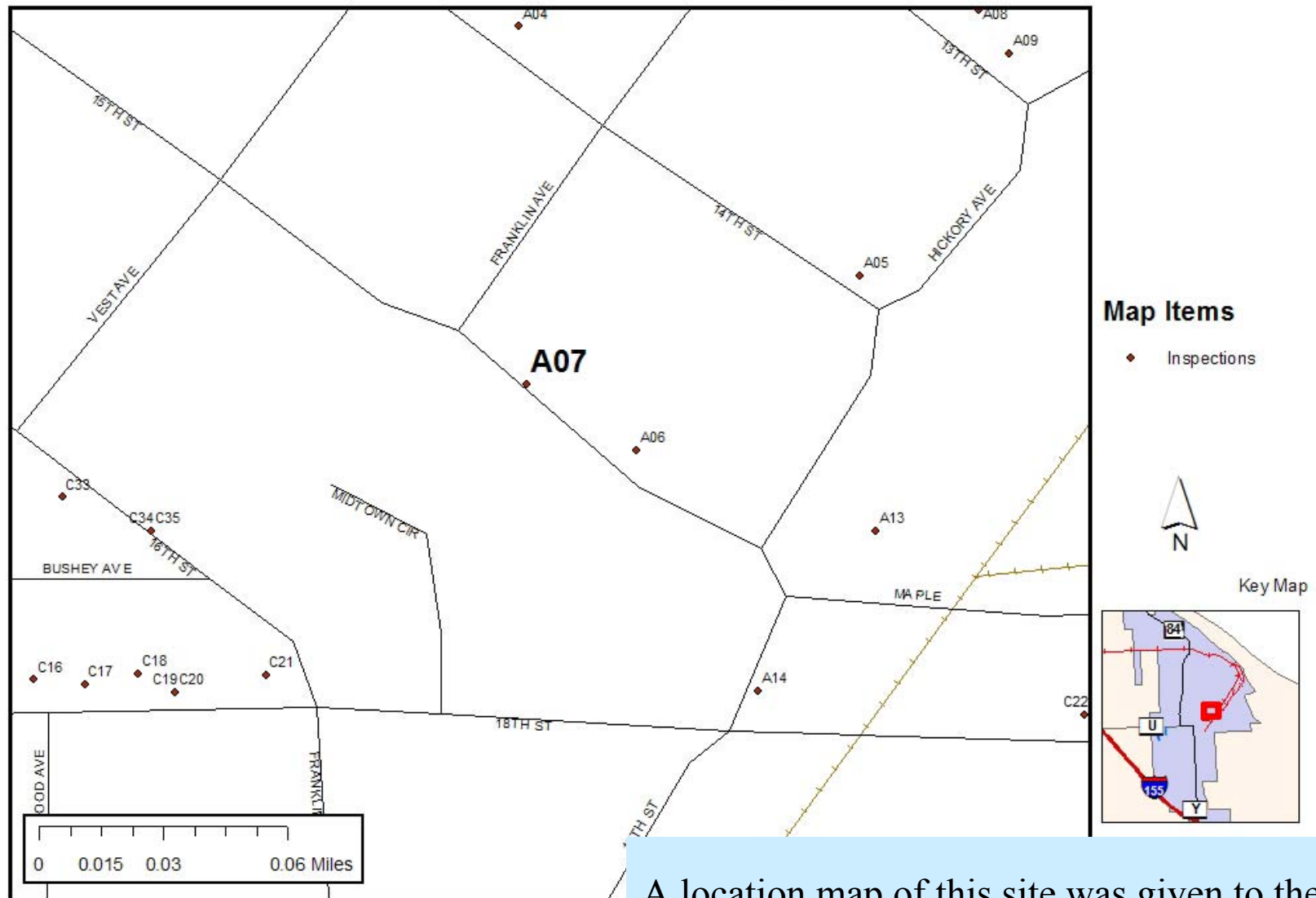


Because of this, it was discovered that several streets had been missed. Field teams were directed to revisit that area.



Several DNR overpack drums were found on one site. Because of the possible hazardous materials, a special note was made of this area.

Caruthersville - A07 - Potentially Hazardous Site

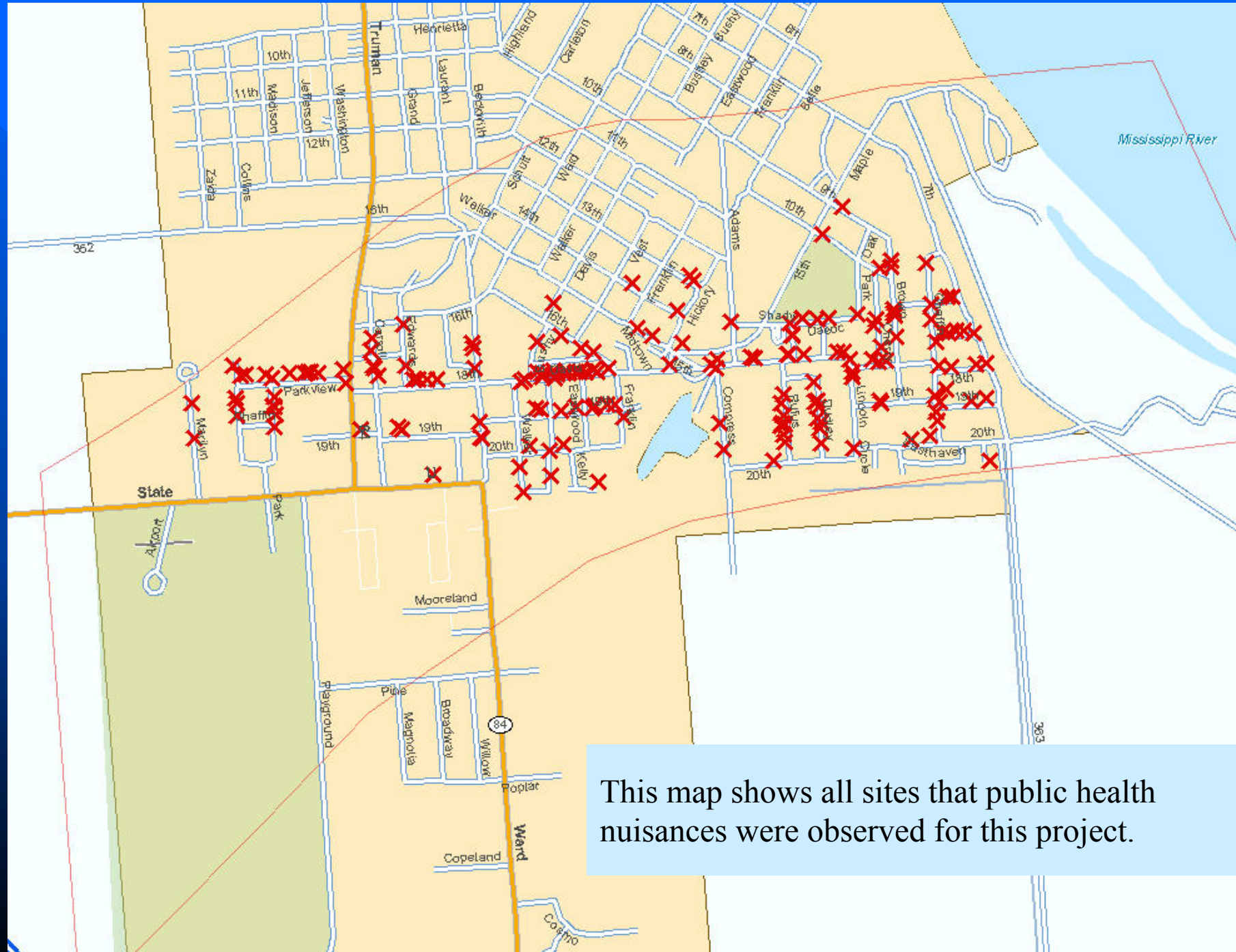


A location map of this site was given to the City for further investigation.

Final Database

- A map of each site was created and linked.
- Each inventory form was scanned and linked.





This map shows all sites that public health nuisances were observed for this project.

Summary

- 174 sites inventoried.
- 170 had public health nuisance observed.
- Mayor requested individual report of each site.
- Database with individual report, links to photos, maps, and forms created for City of Caruthersville